SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT)

Constituent of Symbiosis International (Deemed University), Pune

(Established under Section 3 of the UGC Act of 1956 vide notification number F-9-12/2001-U-3 of the Government of india)
Re-Accredited by NAAC with 'A' Grade

Flexi: Sprint – 1
Internal Document Management System

Batch 2020-24 | Semester 6 | AY 2022-23 | 12th February, 2023

Group Members:

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Project Description

The projects aim to simplify documentation in the corporate sector. It would assist in managing technical documents of a corporate.

Scheduled Work Flow

1. The project is initialized to mobilize a single project document providing scope for multiple projects for future development.
2. In order to simplify the management aspect, there will be 1 team lead to manage 1 of many modules.
3. Modules refer to the combination of functionalities such as login, reset, etc.
4. Each functionality has predefined documentation for your perusal to comprehend the flow control of login, and so on.
5. Each module will have a module lead assigned by the team lead.
6. Module leads will have permissions to add developers to the module with access to reading document.
7. The access has future scope of permitting edits by developers.
8. The project would have enabled Shared Locking System.
9. This is defined as only one person would be permitted to edit a document at a time to avoid conflict management.
10. Message queuing implemented using Bull for sending email.
11. Shell scripting is employed for permission management, file management, creation of containers and running background.
12. The top selling features would implementation of reddis, Message queueing and Docker.

Tech Stack

- ✓ Frontend Framework: VeuJS
- ✓ State Management: VueX
- ✓ Styling: SaaS / SCSS
- ✓ UI/UX: Figma & Adobe Photoshop.
- ✓ Backend: NodeJS + Express
- ✓ Database: PostgreSQL
- ✓ Caching System: Reddis
- ✓ Message Queueing: Bull
- ✓ Containerization of Application: Docker
- ✓ Development: Shell Script
- ✓ Load Balancing System: NGENIX Server [Optional: Inside Docker].